



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED276319CS

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2018/773.

<i>MED Item N°</i>	MED/3.18a
<i>USCG Category N°</i>	164.112
<i>Description</i>	Surface materials and floor coverings with low flame-spread characteristics: (a) decorative veneers
<i>Type</i>	LAMINAM +
<i>Applicant</i>	LAMINAM VIA GHIAROLA NUOVA 258 41042 FIORANO MODENESE (MO) ITALY
<i>Testing standards</i>	IMO Res. MSC.307(88)-(2010 FTP Code)
<i>Reference standards</i>	Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment

Issued in Genoa on
September 10, 2019

This Certificate is valid until
March 28, 2021

This Certificate consists of this sheet plus an attachment

Enrico Cabella

RINA Services S.p.A.

This document is a copy of a digitally signed file available on Rina Web Site: <http://www.rina.org>



**ATTACHMENT TO
CERTIFICATE No. MED276319CS**

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Manufacturer

LAMINAM

Place of Manufacturer

VIA GHIAROLA NUOVA 258
41042 FIORANO MODENESE (MO)
ITALY

Product description

Porcelain gres reinforced with fiberglass (thickness 0,25 mm, mass per area 200 g/m²) glued to the back by means of polyurethane adhesive with the quantity of 250 gr/m².

Porcelain gres thickness range (mm) from 3,5 to 20,5.

The table below specifies the different kind of item with reference to the thickness:

Item	Thickness (mm)
LAMINAM 3+	3.5
LAMINAM 5+	6.0
LAMINAM 12+	12.5
LAMINAM 20+	20.5

Field of application

As finishing material for all exposed interior and concealed or inaccessible surfaces. When intended for bulkhead and ceiling, the product may be applied to any non-combustible support having a thickness equal to or greater than 12 mm and a density $\geq 652 \text{ kg/m}^3$ or any metallic support having a thickness $\geq 0.6 \text{ mm}$. When intended for decks the product may be applied to any metallic support, any non combustible support and any material having low flame spread characteristics.

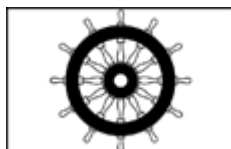
On the basis of the value of the total heat release (Q_t) and on the basis of the value of the peak heat release (q_p) the material is deemed not generating excessive quantities of smoke nor toxic products in fire according to Annex 2 IMO 2010 FTP Code.

Tests carried out

Tests as per RINA Test Laboratory Reports Nos. 2016CS01170/1 and /2 dated 29 March 2016 issued according to IMO 2010 FTP Code Part 5.

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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*

YY *Last two digits of year mark affixed*

USCG Approval

This product has been assigned a U.S. Coast Guard module B number (*USCG number: 164.112/EC0474*) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27th, 2004.

The manufacturer is allowed to affix the U.S. Coast Guard approval number to the above equipment subject to the authorization of the Notified Body undertaking the surveillance module.

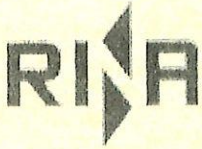
General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



Enrico Cabella

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**PRODUCTION QUALITY ASSURANCE (MODULE D)
CERTIFICATE No. MED058919RA/001**

***This is to certify** that RINA Services S.p.A. did undertake the relevant quality assessment procedures for the equipment of the manufacturer identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of (EU) 2018/773 and according to the type described in the EC Type Examination Certificate (Module B) below indicated.*

<i>MED Item N°</i>	MED/3.18a
<i>USCG Category N°</i>	164.112
<i>Description</i>	Surface materials and floor coverings with low flame-spread characteristics: (a) decorative veneers
<i>Type</i>	LAMINAM +
<i>Applicant</i>	LAMINAM VIA GHIAROLA NUOVA 258 41042 FIORANO MODENESE (MO) ITALY
<i>Module B certificate</i>	Number MED276319CS Date 10/09/2019 Notified Body RINA (No. 0474)

Issued in RAVENNA on
September 24, 2019

This Certificate is valid until
March 28, 2021

This Certificate consists of this sheet plus an attachment

This certificate authorises the Manufacturer or his authorised representative established within the Community in conjunction with the EC TYPE EXAMINATION (MODULE B) CERTIFICATE to affix the following symbol on the equipment above identified.

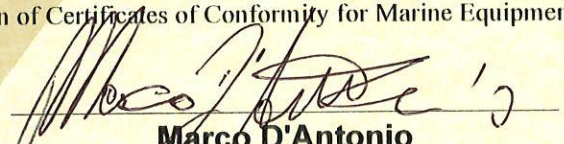


0474/YYYY

YYYY The year in which the mark is affixed

USCG Approval marking

The manufacturer is allowed to affix the U.S. Coast Guard approval number (*USCG approval number: 164.112/EC0474/MED058919RA/001*) to the above equipment, as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27th, 2004.


Marco D'Antonio
RINA Services S.p.A.





ATTACHMENT TO
CERTIFICATE No. MED058919RA/001

Equipment:
LAMINAM +

Manufacturer
LAMINAM

Place of Manufacturer
VIA GHIAROLA NUOVA 258
41042 FIORANO MODENESE (MO)
ITALY

Technical documentation

INTERMEDIATE SCHEDULED AND UNSCHEDULED AUDITS			
Due Date	Carried out on	Surveyor's signature	Surveyor's stamp
23/03/2020			
23/09/2020			
23/03/2021			
<i>Unscheduled</i>			
<i>Unscheduled</i>			

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) RINA personnel are to be allowed to witness during the performances of activities upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- e) RINA may revoke the approval in the case of modifications to requirements or conditions for the approval
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.
- g) This certificate loses its validity in case the EC type Examination (Module B) certificate is no more valid

Marc D'Antonio

